

Anti-ODC1 Rabbit Monoclonal Antibody
Catalog # ABO15636**Specification**

Anti-ODC1 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P11926
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-ODC1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-ODC1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 4953

Other Names

Ornithine decarboxylase, ODC, 4.1.1.17, ODC1

Calculated MW

51 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Ornithine Decarboxylase

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-ODC1 Rabbit Monoclonal Antibody - Protein Information

Name ODC1

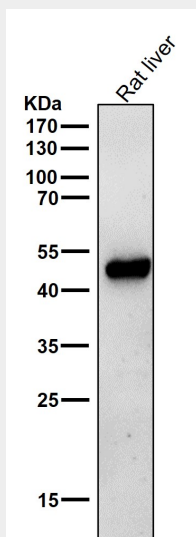
Function

Catalyzes the first and rate-limiting step of polyamine biosynthesis that converts ornithine into putrescine, which is the precursor for the polyamines, spermidine and spermine. Polyamines are essential for cell proliferation and are implicated in cellular processes, ranging from DNA replication to apoptosis.

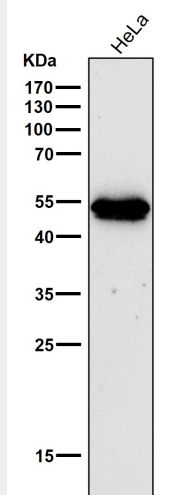
Anti-ODC1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

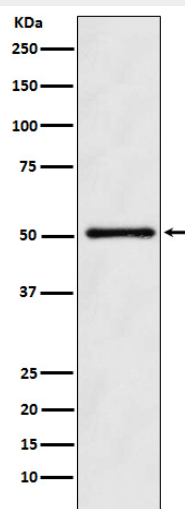
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ODC1 Rabbit Monoclonal Antibody - Images

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Western blot analysis of ODC1 expression in K562 cell lysate.